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| UTILITY<br>PATENT APPLICATION<br>TRANSMITTAL | Attorney Docket No.: CE10471R |  |
|  | First Inventor: Frank, Colin  |  |
|  | Title:                        | METHOD AND APPARATUS FOR USING SWITCHED<br>MULTIBEAM ANTENNAS IN A MULTIPLE ACCESS<br>COMMUNICATION SYSTEM |
|  | Express Mail Label No.:       | ER380437952US  |

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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| APPLICATION ELEMENTS<br>(see MPEP chapter 600 concerning<br>utility patent application contents) | ADDRESS TO:<br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O.Box 1450<br>Alexandria, VA 22313-1450 |
|--|--|

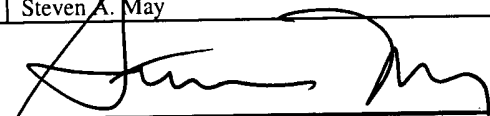
|   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form in duplicate<br>(Submit an original and a duplicate for fee processing)<br>2. <input type="checkbox"/> Applicant claims small entity status<br>See 37 CFR 1.27<br>3. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="31"/><br>(preferred arrangement set forth below)<br>-Descriptive title of the invention<br>-Cross Reference to Related Applications<br>-Statement Regarding Fed sponsored R&D<br>-Reference to sequence listing, a table,<br>-Background of the Invention<br>-Brief Summary of the Invention<br>-Brief Description of the Drawings (if filed)<br>-Detailed Description<br>-Claim(s)<br>-Abstract of the Disclosure<br>4. <input checked="" type="checkbox"/> Drawing(s) Total Sheets <input type="text" value="6"/><br>5. Oath or Declaration<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37<br>CFR 1.63(d)) (for continuation/ divisional with<br>Box 18 completed)<br>i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting<br>inventor(s) named in the prior application,<br>see 37 CFR 1.63(d)(2) and 1.33(b).<br>6. <input type="checkbox"/> Application Data Sheet under 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large<br>table or Computer Program (Appendix)<br>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence<br>(if applicable, all necessary)<br>a. <input type="checkbox"/> Computer Readable Form (CFR)<br>b. <input type="checkbox"/> Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-4 (2 copies);<br>ii. <input type="checkbox"/> or paper<br>c. <input type="checkbox"/> Statements verifying identify of above copies<br>ACCOMPANYING APPLICATION PARTS<br>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) <input type="checkbox"/> Power of Attorney<br>Statement (when there is an assignee)<br>11. <input type="checkbox"/> English Translation Document (if applicable)<br>12. <input type="checkbox"/> IDS <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>15. <input type="checkbox"/> Certified Copy of Priority Document<br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C.<br>122(b)(2)(B)(i). Applicant must attach form<br>PTO/SB/35 or its equivalent.<br>17. <input type="checkbox"/> Other: _____<br>_____<br>_____<br>_____ |
|---|--|

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in- Part (CIP) Prior Appl. No.

Prior Appl. information: Examiner:  Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|                                     |   |                  |                                    |                    |   |
|-------------------------------------|---|------------------|------------------------------------|--------------------|---|
| 19. CORRESPONDENCE ADDRESS          |   |                  |                                    |                    |   |
| <input checked="" type="checkbox"/> | Customer Number or Bar Code Label   |                  | <input type="text" value="22917"/> | or                 | <input type="checkbox"/> Correspondence address below |
| Name                                | Steven A. May   |                  |                                    |                    |   |
| Address                             | Motorola, Inc. - Law Department   |                  |                                    |                    |   |
| City                                | Schaumburg  | State            | IL                                 | Zip Code           | 60196   |
| Country                             | U.S.A.  | Telephone        | 847-576-3635                       | Fax                | 847-576-3750  |
| Name                                | Steven A. May   | Registration No. | 44,912                             |                    |   |
| SIGNATURE                           |  |                  | Date                               | September 25, 2003 |   |

CE10471R

03945 U.S. PRO 10/670577 09/25/03

# FEE TRANSMITTAL

Patent fees are subject to annual revision

Complete if Known

Application Number  
Filing Date September 25, 2003  
First Named Inventor Frank, Colin  
Examiner Name  
Group Art Unit  
Attorney Docket No. CE10471R

TOTAL AMOUNT OF PAYMENT (\$ 862.00)

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number

50-2117

Deposit Account Name

Motorola, Inc.

☒ Charge Any Additional Fee required under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee   | Fee   | Fee Description  |
|--------------|--------------|-------|-------|--|
| Code         | Code         | (\$)  | (\$)  |  |
| 1051         | 2051         | 130   | 65    | Surcharge - late filing fee or oath  |
| 1052         | 2052         | 50    | 25    | Surcharge - late Provisional filing  |
| 1053         | 1053         | 130   | 130   | Non-English specification  |
| 1812         | 1812         | 2520  | 2520  | For filing a request for ex parte Reexamination                            |
| 1804         | 1804         | 920*  | 920*  | Requesting publication of SIR prior to Examiner action                     |
| 1805         | 1805         | 1840* | 1840* | Requesting publication of SIR after Examiner action                        |
| 1251         | 2251         | 110   | 55    | Extension for reply within first month                                     |
| 1252         | 2252         | 410   | 205   | Extension for reply within second month                                    |
| 1253         | 2253         | 930   | 465   | Extension for reply within third month                                     |
| 1254         | 2254         | 1450  | 725   | Extension for reply within fourth month                                    |
| 1255         | 2255         | 1970  | 985   | Extension for reply within fifth month                                     |
| 1401         | 2401         | 320   | 160   | Notice of Appeal   |
| 1402         | 2402         | 320   | 160   | Filing a brief in support of an appeal                                     |
| 1403         | 2403         | 280   | 140   | Request for oral hearing   |
| 1451         | 1451         | 1510  | 1510  | Petition to institute a public use proceeding                              |
| 1452         | 2452         | 110   | 55    | Petition to revive - unavoidable   |
| 1453         | 2453         | 1300  | 650   | Petition to revive - unintentional   |
| 1501         | 2501         | 1300  | 650   | Utility issue fee (or reissue)   |
| 1502         | 2502         | 470   | 235   | Design issue fee   |
| 1503         | 2503         | 630   | 315   | Plant issue fee  |
| 1460         | 1460         | 130   | 130   | Petitions to the Commissioner  |
| 1807         | 1807         | 50    | 50    | Processing fee under 37 CFR 1.17(a)  |
| 1806         | 1806         | 180   | 180   | Submission of IDS  |
| 8021         | 8021         | 40    | 40    | Recording each patent assignment per property (times number of properties) |
| 1809         | 2809         | 750   | 375   | Filing a submission after final rejection (37 CFR § 1.129(a))              |
| 1810         | 2810         | 750   | 375   | For each additional invention to be examined (37 CFR § 1.129(b))           |
| 1801         | 2801         | 750   | 375   | Request for Continued Examination (RCE)                                    |
| 1802         | 1802         | 900   | 900   | Request for expedited examination of a design application                  |

Other fee (specify)

\* Reduced by Basic Filing Fee paid SUBTOTAL (3) (\$ 40.00)

Complete (if applicable)

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | Small Entity | Entity   | Entity   | Fee Paid               |
|--------------|--------------|----------|----------|------------------------|
| Code         | Code         | Fee (\$) | Fee (\$) |                        |
| 1001         | 2001         | 750      | 375      | Utility filing fee     |
| 1002         | 2002         | 330      | 165      | Design filing fee      |
| 1003         | 2003         | 520      | 260      | Plant filing fee       |
| 1004         | 2004         | 750      | 375      | Reissue filing fee     |
| 1005         | 2005         | 160      | 80       | Provisional filing fee |

SUBTOTAL (1) (\$ 750.00)

### 2. EXTRA CLAIM FEES

| Total Claims       | Previously Paid** | Extra Claims | Fee from below | Fee Paid |
|--------------------|-------------------|--------------|----------------|----------|
| 24                 | 20                | 4            | 18             | 72       |
| Independent Claims | 2                 | 3            | 0              | 0        |

Multiple Dependent

280 =

| Large Entity | Small Entity | Entity   | Entity   | Fee Description   |
|--------------|--------------|----------|----------|---|
| Code         | Code         | Fee (\$) | Fee (\$) |   |
| 1202         | 2202         | 18       | 9        | Claims in excess of 20                                    |
| 1201         | 2201         | 84       | 42       | Independent claims in excess of 3                         |
| 1203         | 2203         | 280      | 140      | Multiple dependent claim, if not paid                     |
| 1204         | 2204         | 84       | 42       | * Reissue independent claims over original patent         |
| 1205         | 2205         | 18       | 9        | * Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 72.00)

\*\*OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.

\*For Reissues, see above

## SUBMITTED BY

Name (Print/Type) Steven A. May

Signature

Registration No. 44,912 Telephone 847-576-3635

Date September 25, 2003

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